

PCT

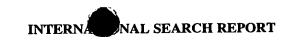
14 JUL 2005

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 27359	FOR FURTHER see Form PCT/ISA/220 ACTION as well as, where applicable, item 5 below.					
	ACTION		(Earliest) Priority Date (day/month/year)			
International application No. PCT/IL04/00046	International filing date (day/mon 15 January 2004 (15.01.2004)	un/year)	16 January 2003 (16.01.2003)			
Applicant CALL LTD						
GALIL MEDICAL, LTD.						
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of						
Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.						
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).						
b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.						
2. Certain claims were found unsearchable (See Box No. II)						
3. Unity of invention is lacking (See Box No. III) 4. With regard to the title,						
the text is approved as submitted by the applicant.						
the text has been established by this Authority to read as follows:						
			•			
5. With regard to the abstract,	Second London and Booms		•			
the text is approved as subm		s Authority	as it appears in Box No. IV. The applicant			
may, within one month from	n the date of mailing of this interna	tional searc	h report, submit comments to this Authority.			
6. With regard to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. 1						
as suggested by the		. –				
as selected by this Authority, because the applicant failed to suggest a figure.						
as selected by this Authority, because this figure better characterizes the invention.						
b none of the figures is to be	published with the abstract.					

Form PCT/ISA/210 (first sheet) (January 2004)



Box IV TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

NEW ABSTRACT
The present invention is of system, device, and method for detection, localization, and characterization of plaque-induced stenosis of a blood vessel. More particularly, the present invention relates to a balloon catheter (101) having an expandable balloon (100) insertable into a blood vessel, which balloon comprises a plurality of pressure sensor (110, 120, 130, 140) operable to detect stenosis of the vessel, and further operable to report degrees of compressibility of stenotic regions of plaque within the vessel, thereby

distinguishing between standard and vulnerable plaque.



International application No.

PCT/IL04/00046

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61B 5/02 US CL : 600/486, 485, 585 According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) U.S.: 600/486, 485, 585, 481, 488, 561, 585, 424, 431, 437; 604/96.01, 97.01, 98.01, 104						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST						
C. DOCU	JMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where a		Relevant to claim No.			
х	US 5,178,153 A (EINZIG) 12 January 1993 (12.01.	1, 2, 4-6				
 Y	line 13.	3, 7-12				
Y	US 3,831,588 A (RINDNER) 27 August 1974 (27.0	3				
Y	US 4,211,233 A (LIN) 08 July 1980 (08.07.1980), o	7.				
Y	US 5,259,837 A (VAN WORMER) 09 November 1 column 4, line 19.	8-12				
Α	US 5,865,801 A (HOUSER) 02 February 1999 (02.06, line 40.	. 13				
Further documents are listed in the continuation of Box C. See patent family annex.						
"A" document	Special categories of cited documents: "T" later document published after the international filing date or pridate and not in conflict with the application but cited to understate of particular relevance "T" date and not in conflict with the application but cited to understate of particular relevance principle or theory underlying the invention					
•	"X" document of particular relevance; the claimed inverse application or patent published on or after the international filing date considered novel or cannot be considered to involve when the document is taken alone					
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the considered to involve an inventive step combined with one or more other such			when the document is			
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the				
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed						
Date of the actual completion of the international search Date of mailing of the international search report 18 September 2004 (18 09 2004)						
18 September 2004 (16.03.2004)						
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Mail Stop PCT, Attn: ISA/US Navin Naturthithadha Telephone No. (703) 308-1148						
	Facsimile No. (703) 305-3230					

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